HI-SPEED USB 2.0 DVI CONVERTER USER MANUAL

MODEL 179133

MANHATTAN™

MAN-179133-UM-0708-02

INTRODUCTION

Thank you for purchasing the MANHATTAN® Hi-Speed USB 2.0 DVI Converter, Model 179133.

This handy device helps increase productivity, improve “desktop” arrangements and extend the visual work area across dual monitors by making word processing, editing and multi-tasking more effective with less overlapped windows, fewer hidden palettes and better-organized views. Read e-mail on one monitor and open attachments on the other; expand and view large, complicated spreadsheets without scrolling; make presentations more compelling with another monitor for greater impact or viewing speaker notes on a separate display.

The convenient Hi-Speed USB 2.0 connection eliminates the need to install another graphics card or struggle with compatibility issues, making this converter an ideal portable solution for notebook computers and desktop systems with graphics cards that lack additional outputs. And with Plug and Play and hot-swap capabilities, it’s easily installed without an external power supply on any Windows computer. The easy-to-follow instructions in this user manual make installation of the converter relatively quick and simple, so you’ll also soon be enjoying the benefits of these additional features:

- Primary, extended, mirror and rotation functions provide display continuity and dual views
- Supports DVI resolutions up to 1600 x 1200
- Connects to any USB port without conflicts or external power supplies
- Lifetime Warranty

System Requirements

- Windows 2000/XP/Vista/7
- Available Hi-Speed USB 2.0 port

Package Contents

- Hi-Speed USB 2.0 DVI Converter
- USB cable
- Quick install guide; driver CD with user manual*

* *Some screen images have been modified to fit the format of this manual.*

Regulatory Statements

FCC

This equipment has been tested and found to comply with FCC rules Part 15, Subpart B § 15.109/15.107 Class B. Operation is subject to the following two conditions:

- This device may not cause harmful interference; and
- This device must accept any interference received, including interference that may cause undesired operation.

CE

This equipment is in compliance with the requirements of the following regulations: EN 55022 Class B (2006); EN 55024 (1998+A1:2001+ A2:2003); IEC/EN 61000-3-2 (2006); IEC/EN 61000-3-3 (1995+A1 :2001+A2 :2005); (IEC/EN 61000-4-2 (1995+A1 :1998+A2 :2001)/-3 (2006)/-4(2004)/-5(2006)/-6 (1996+A1 :2001)/-11 (2004)

C-Tick

This equipment is in compliance with the requirements of the following regulations: EN 55022 (2006); AS/NZS CISPR22 © IEC: 2005.

VCCI

This equipment is in compliance with the requirements of the following regulation: CISPR22 © IEC: 2005.

Important Pre-Installation Notes

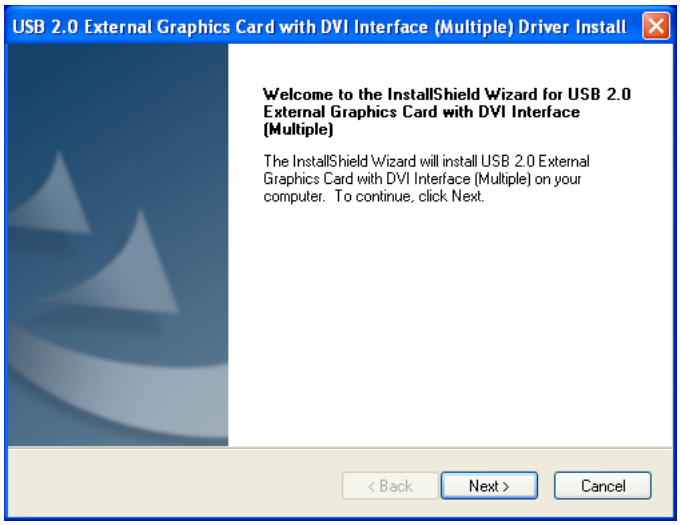
- Unplug any USB 2.0 VGA adapter connected to your PC or notebook computer before executing the Hi-Speed USB 2.0 DVI Converter setup or un-installation program.
- An AC power adapter is required for an external USB hub. The driver allows up to six Hi-Speed USB 2.0 DVI Converters on one PC.
- Connect the display device to the DVI connector of the Hi-Speed USB 2.0 DVI Converter and switch the display device on before plugging the converter into an available USB 2.0 port of the PC or notebook computer.
- Do *not* reboot the computer until all USB 2.0 DVI Converters are installed.

INSTALLATION: WINDOWS 2000/XP

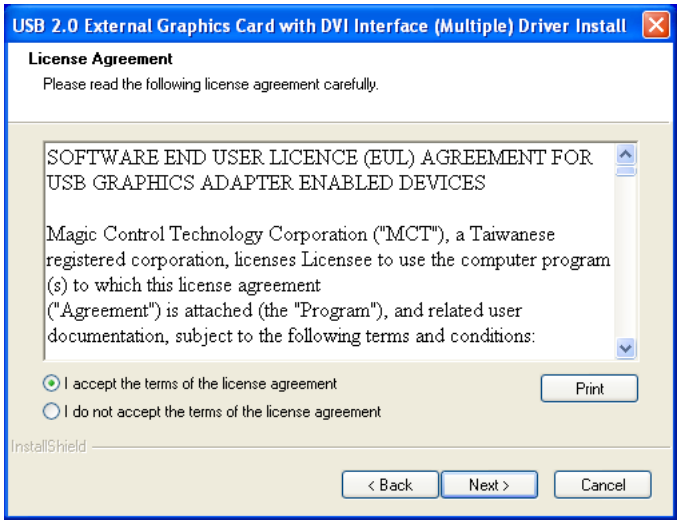
Driver Installation

Installing the device driver enables your computer's operating system to recognize the Hi-Speed USB 2.0 DVI Converter once it's connected. Check your operating system and refer to the appropriate installation procedure to begin installing the device driver. Make sure the converter is unplugged from your PC or notebook computer before executing the setup program.

1. Insert the driver CD into the CD-ROM drive. The setup program should be launched automatically. If the setup program does not begin automatically, go to Start, then Run, then double-click "D:\Setup.exe" (where D: is the path of your CD-ROM drive).
2. When the Welcome screen of the InstallShield Wizard displays, click "Next" to continue.

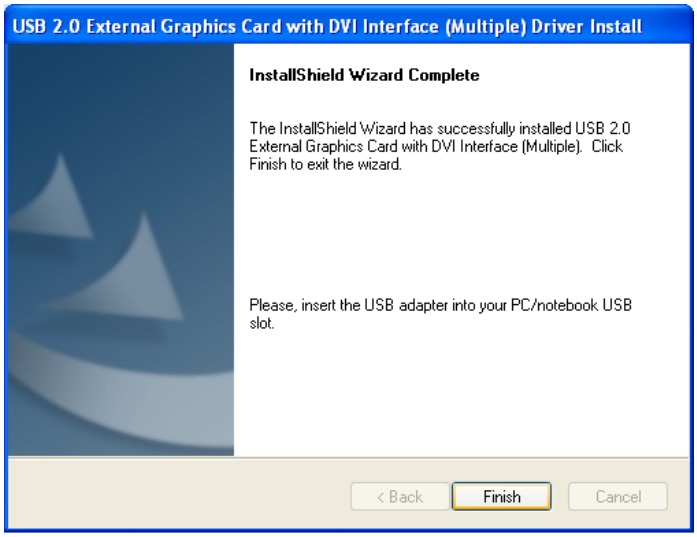

USB 2.0 External Graphics Card with DVI Interface (Multiple) Driver Install
Welcome to the InstallShield Wizard for USB 2.0 External Graphics Card with DVI Interface (Multiple)
The InstallShield Wizard will install USB 2.0 External Graphics Card with DVI Interface (Multiple) on your computer. To continue, click Next.
< Back
Next >
Cancel

3. When the License Agreement screen displays, read it and select "I accept the terms of the license agreement." Click "Next" to accept the license agreement and continue with the install.

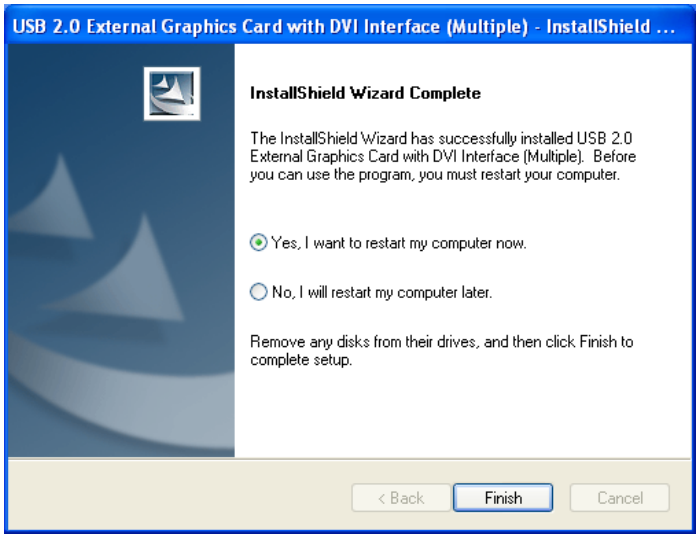

USB 2.0 External Graphics Card with DVI Interface (Multiple) Driver Install
License Agreement
Please read the following license agreement carefully.
SOFTWARE END USER LICENCE (EUL) AGREEMENT FOR USB GRAPHICS ADAPTER ENABLED DEVICES
Magic Control Technology Corporation ("MCT"), a Taiwanese registered corporation, licenses Licensee to use the computer program (s) to which this license agreement ("Agreement") is attached (the "Program"), and related user documentation, subject to the following terms and conditions:
I accept the terms of the license agreement
I do not accept the terms of the license agreement
Print
InstallShield
< Back
Next >
Cancel

4. Connect the external display device (monitor/projector) to the DVI connector of the converter and switch the display device on.

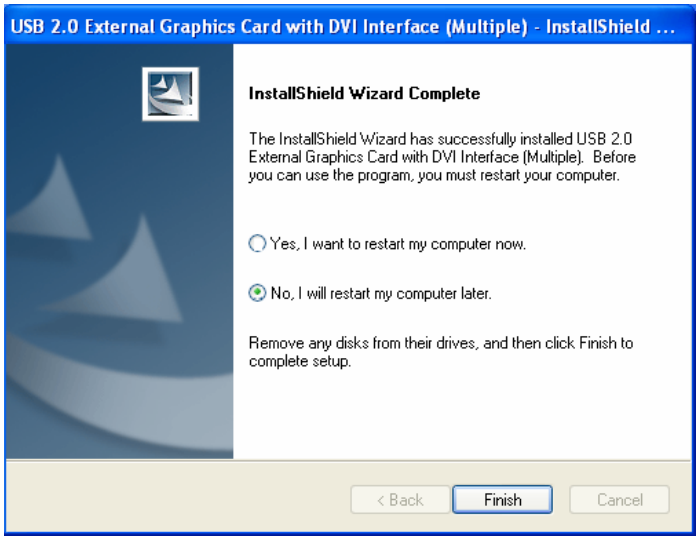
5. With the Complete screen displayed, click “Finish” to exit the driver wizard. Plug the converter into an available USB 2.0 port of your PC or notebook computer.


USB 2.0 External Graphics Card with DVI Interface (Multiple) Driver Install
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed USB 2.0 External Graphics Card with DVI Interface (Multiple). Click Finish to exit the wizard.
Please, insert the USB adapter into your PC/notebook USB slot.
< Back
Finish
Cancel

6. If installing a single converter, select “Yes, I want to restart my computer now” and click “Finish” to complete the driver installation.
NOTE: If installing more than one converter, proceed to Step 7. After rebooting the computer, the extended display will be shown on the second display device.


USB 2.0 External Graphics Card with DVI Interface (Multiple) - InstallShield ...
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed USB 2.0 External Graphics Card with DVI Interface (Multiple). Before you can use the program, you must restart your computer.
Yes, I want to restart my computer now.
No, I will restart my computer later.
Remove any disks from their drives, and then click Finish to complete setup.
< Back
Finish
Cancel

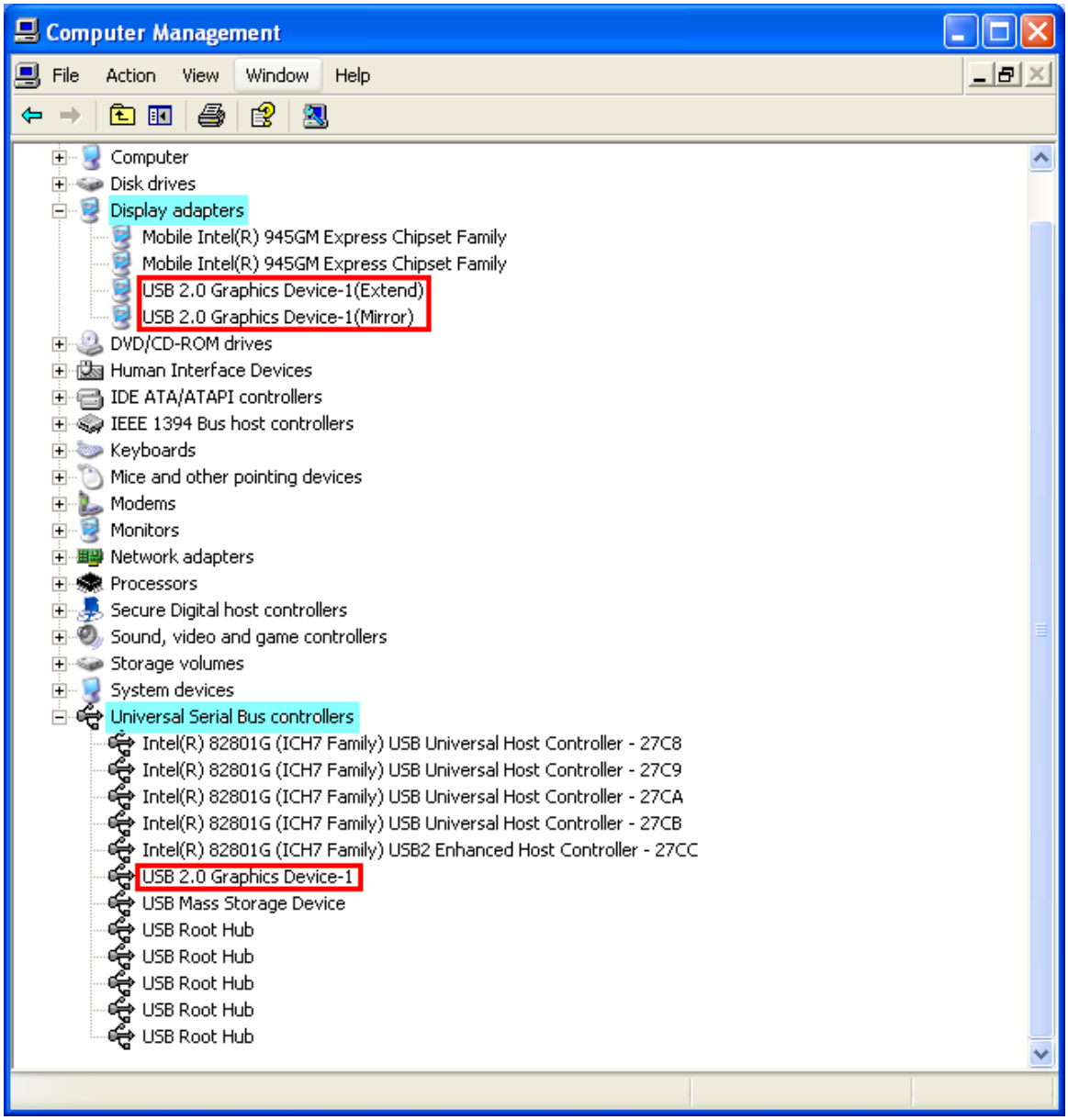
7. If installing more than one converter, select “No, I will restart my computer later” and click “Finish” to continue with the installation of the second converter. Connect the next display device to the additional converter’s DVI connector and switch it on. Plug this additional converter into another USB 2.0 port on the computer; the driver will again proceed to install automatically. Continue connecting up to six display devices and converters as instructed above; or select “Yes, I want to restart my computer now” (as shown in Step 6) and click “Finish.” After each reboot, the extended display will be shown on the display device.


USB 2.0 External Graphics Card with DVI Interface (Multiple) - InstallShield ...
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed USB 2.0 External Graphics Card with DVI Interface (Multiple). Before you can use the program, you must restart your computer.
Yes, I want to restart my computer now.
No, I will restart my computer later.
Remove any disks from their drives, and then click Finish to complete setup.
< Back
Finish
Cancel

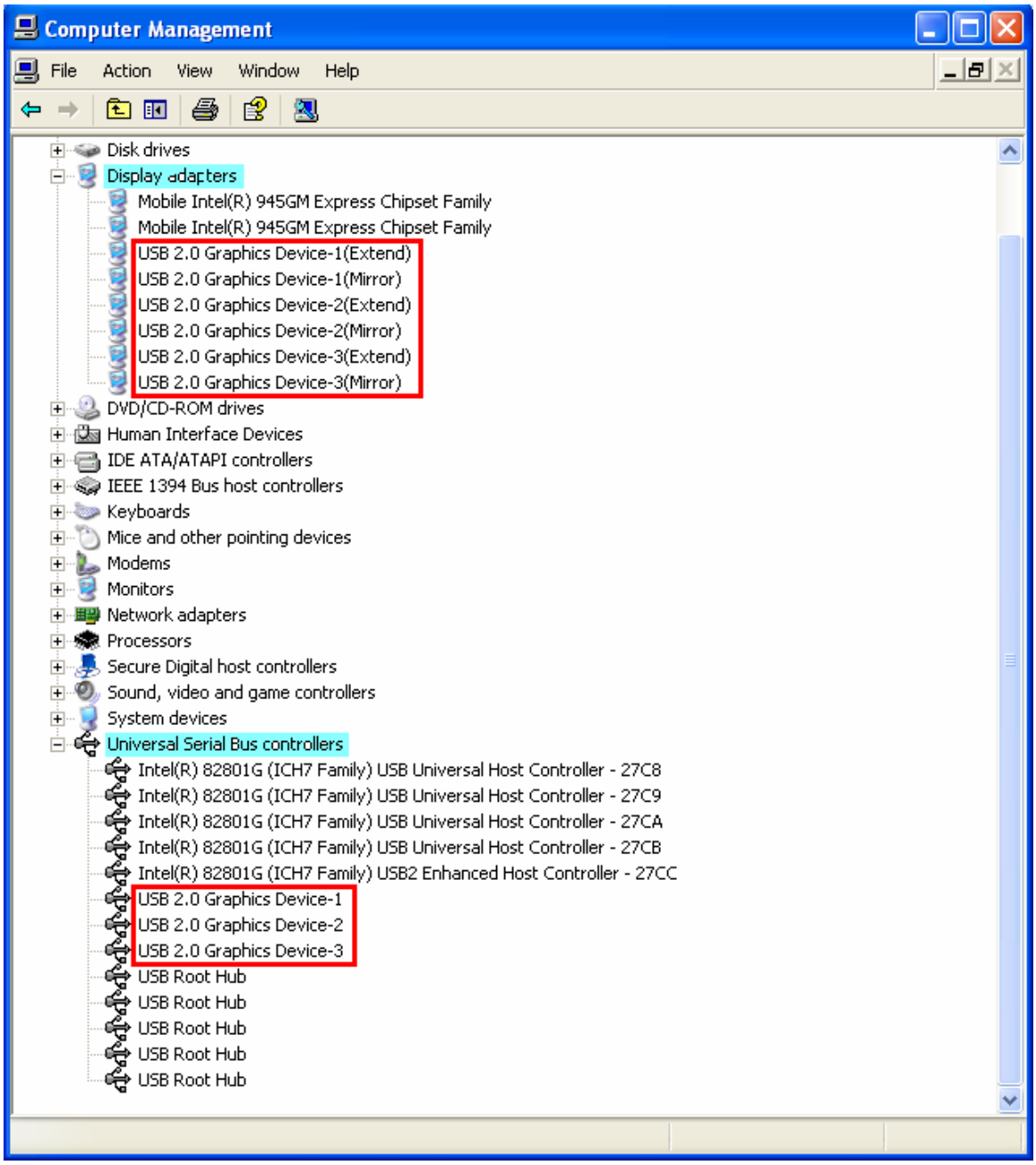
Verifying Driver Installation

Right-click My Computer and go to Properties → Hardware → Device Manager. Double-click “Display adapters” and “Universal Serial Bus controllers.”

- For a single Hi-Speed USB 2.0 DVI Converter installation on the computer, confirm the listings shown below.


Computer Management
File Action View Window Help
Computer
Disk drives
Display adapters
Mobile Intel(R) 945GM Express Chipset Family
Mobile Intel(R) 945GM Express Chipset Family
USB 2.0 Graphics Device-1(Extend)
USB 2.0 Graphics Device-1(Mirror)
DVD/CD-ROM drives
Human Interface Devices
IDE ATA/ATAPI controllers
IEEE 1394 Bus host controllers
Keyboards
Mice and other pointing devices
Modems
Monitors
Network adapters
Processors
Secure Digital host controllers
Sound, video and game controllers
Storage volumes
System devices
Universal Serial Bus controllers
Intel(R) 82801G (ICH7 Family) USB Universal Host Controller - 27C8
Intel(R) 82801G (ICH7 Family) USB Universal Host Controller - 27C9
Intel(R) 82801G (ICH7 Family) USB Universal Host Controller - 27CA
Intel(R) 82801G (ICH7 Family) USB Universal Host Controller - 27CB
Intel(R) 82801G (ICH7 Family) USB2 Enhanced Host Controller - 27CC
USB 2.0 Graphics Device-1
USB Mass Storage Device
USB Root Hub
USB Root Hub
USB Root Hub
USB Root Hub
USB Root Hub

- For multiple Hi-Speed USB 2.0 DVI Converter installations on the computer, confirm the listings shown below.


Computer Management
File Action View Window Help
Disk drives
Display adapters
Mobile Intel(R) 945GM Express Chipset Family
Mobile Intel(R) 945GM Express Chipset Family
USB 2.0 Graphics Device-1(Extend)
USB 2.0 Graphics Device-1(Mirror)
USB 2.0 Graphics Device-2(Extend)
USB 2.0 Graphics Device-2(Mirror)
USB 2.0 Graphics Device-3(Extend)
USB 2.0 Graphics Device-3(Mirror)
DVD/CD-ROM drives
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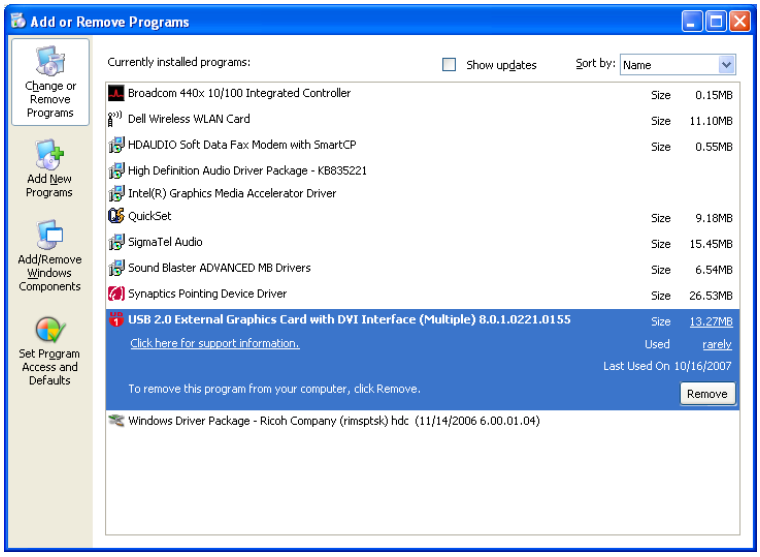
Intel(R) 82801G (ICH7 Family) USB Universal Host Controller - 27CA
Intel(R) 82801G (ICH7 Family) USB Universal Host Controller - 27CB
Intel(R) 82801G (ICH7 Family) USB2 Enhanced Host Controller - 27CC
USB 2.0 Graphics Device-1
USB 2.0 Graphics Device-2
USB 2.0 Graphics Device-3
USB Root Hub
USB Root Hub
USB Root Hub
USB Root Hub
USB Root Hub

Driver Un-Installation

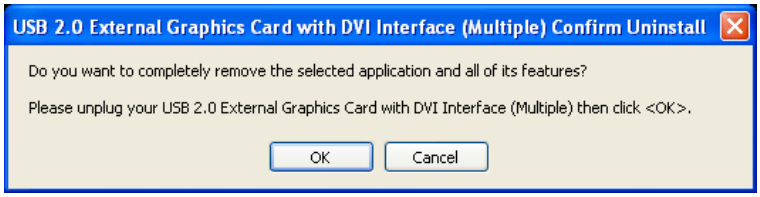
Make sure the Hi-Speed USB 2.0 DVI Converter is unplugged from the PC or notebook computer before executing the device driver un-installation program.

1. Go to Start, then Control Panel (on a classic start menu, Settings then Control Panel) → Add or Remove Programs.

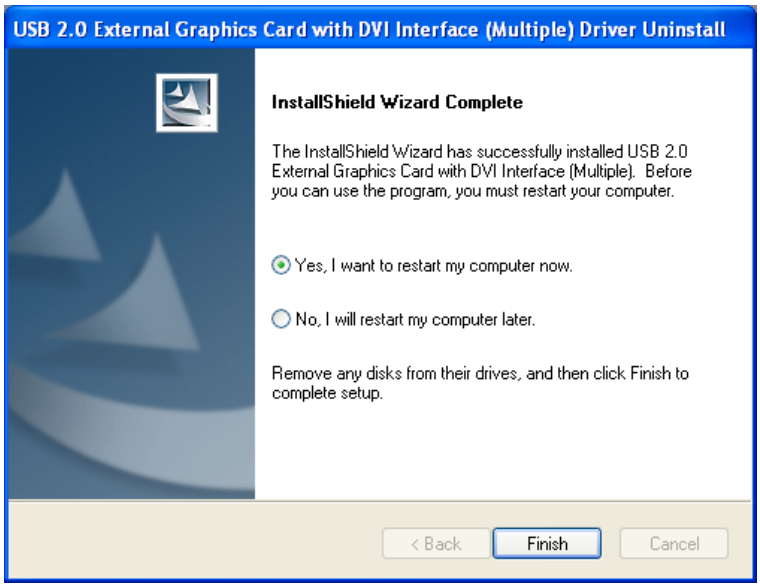
2. Select “USB 2.0 External Graphics Card with DVI Interface (Multiple) [driver version no.]” and click “Remove.”


Add or Remove Programs
Change or Remove Programs
Add New Programs
Add/Remove Windows Components
Set Program Access and Defaults
Currently installed programs:
Show updates
Sort by: Name
Broadcom 440x 10/100 Integrated Controller Size 0.15MB
Dell Wireless WLAN Card Size 11.10MB
HDAUDIO Soft Data Fax Modem with SmartCP Size 0.55MB
High Definition Audio Driver Package - KB835221
Intel(R) Graphics Media Accelerator Driver
QuickSet Size 9.18MB
SigmaTel Audio Size 15.45MB
Sound Blaster ADVANCED MB Drivers Size 6.54MB
Synaptics Pointing Device Driver Size 26.53MB
USB 2.0 External Graphics Card with DVI Interface (Multiple) 8.0.1.0221.0155 Size 13.27MB
Click here for support information. Used rarely
Last Used On 10/16/2007
To remove this program from your computer, click Remove.
Remove
Windows Driver Package - Ricoh Company (rimsptsk) hdc (11/14/2006 6.00.01.04)

3. When the Confirm Un-Install prompt displays, unplug the converter and click “OK” to continue.


USB 2.0 External Graphics Card with DVI Interface (Multiple) Confirm Uninstall
Do you want to completely remove the selected application and all of its features?
Please unplug your USB 2.0 External Graphics Card with DVI Interface (Multiple) then click <OK>.
OK
Cancel

4. When the InstallShield Wizard Complete screen displays, select “Yes, I want to restart my computer now” and click “Finish” to reboot. After rebooting, you will have completed the driver un-installation.

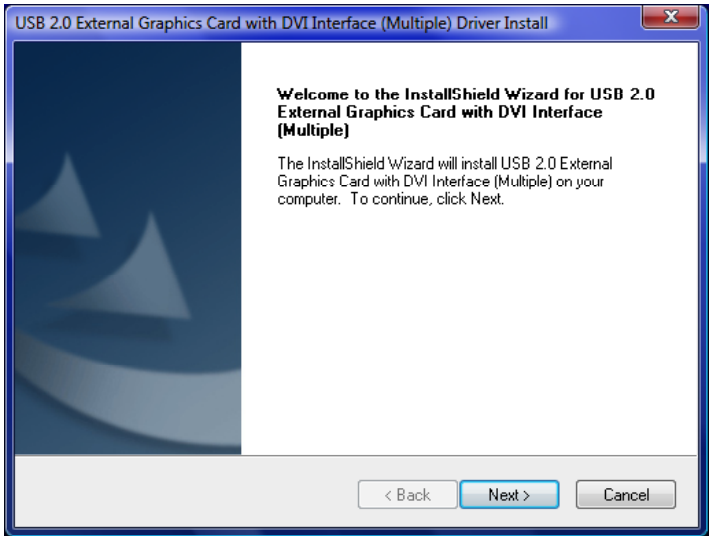

USB 2.0 External Graphics Card with DVI Interface (Multiple) Driver Uninstall
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed USB 2.0 External Graphics Card with DVI Interface (Multiple). Before you can use the program, you must restart your computer.
Yes, I want to restart my computer now.
No, I will restart my computer later.
Remove any disks from their drives, and then click Finish to complete setup.
< Back
Finish
Cancel

INSTALLATION: WINDOWS VISTA/7

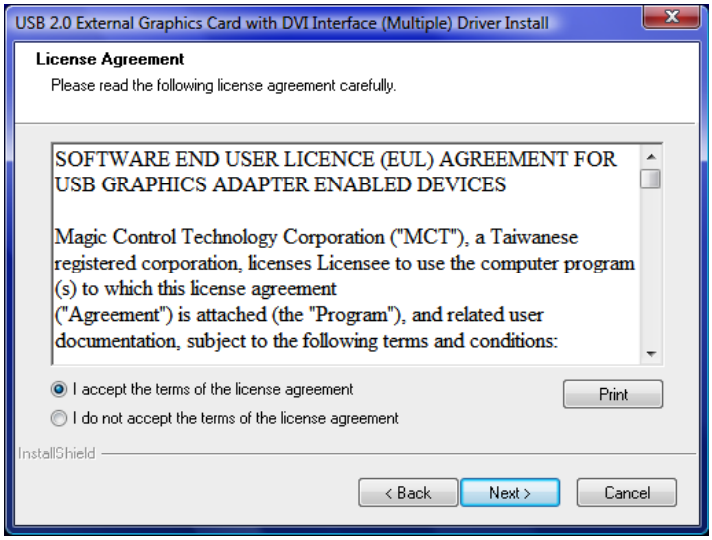
Driver Installation

Installing the device driver enables your computer's operating system to recognize the Hi-Speed USB 2.0 DVI Converter once it's connected. Check your operating system and refer to the appropriate installation procedure to begin installing the device driver. Make sure the converter is unplugged from your PC or notebook computer before executing the setup program.

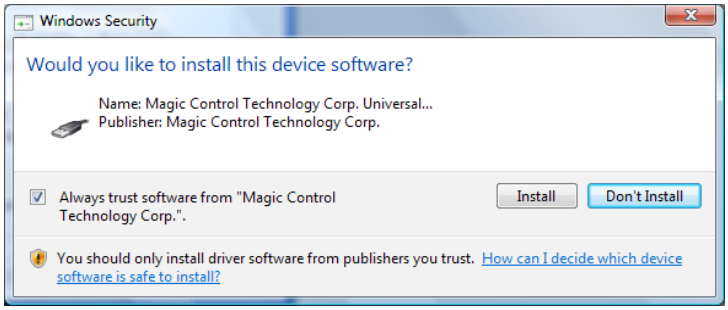
1. Insert the driver CD into the CD-ROM drive. The setup program should be launched automatically. If the setup program does not begin automatically, go to Start, then Run, then double-click "D:\Setup.exe" (where D: is the path of your CD-ROM drive).
2. When the Welcome screen of the InstallShield Wizard displays, click "Next" to continue.


USB 2.0 External Graphics Card with DVI Interface (Multiple) Driver Install
Welcome to the InstallShield Wizard for USB 2.0 External Graphics Card with DVI Interface (Multiple)
The InstallShield Wizard will install USB 2.0 External Graphics Card with DVI Interface (Multiple) on your computer. To continue, click Next.
< Back
Next >
Cancel

3. When the License Agreement screen displays, read it and select "I accept the terms of the license agreement." Click "Next" to accept the license agreement and continue with the install.

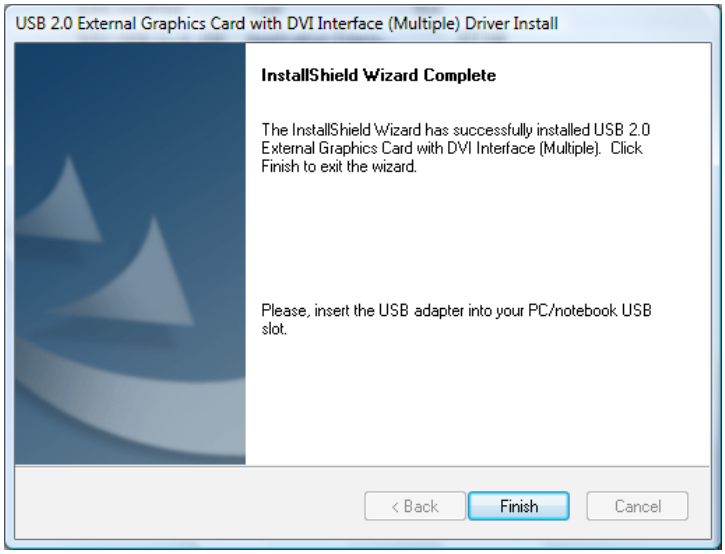

USB 2.0 External Graphics Card with DVI Interface (Multiple) Driver Install
License Agreement
Please read the following license agreement carefully.
SOFTWARE END USER LICENCE (EUL) AGREEMENT FOR USB GRAPHICS ADAPTER ENABLED DEVICES
Magic Control Technology Corporation ("MCT"), a Taiwanese registered corporation, licenses Licensee to use the computer program (s) to which this license agreement ("Agreement") is attached (the "Program"), and related user documentation, subject to the following terms and conditions:
I accept the terms of the license agreement
I do not accept the terms of the license agreement
Print
InstallShield
< Back
Next >
Cancel

4. A Windows Security screen may appear, but will not affect the driver installation or converter operation. Select “Always trust software...” and click “Install” to continue.

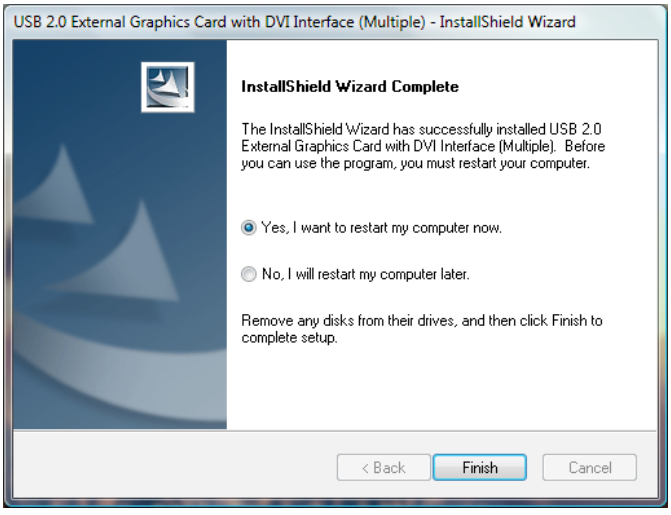

Windows Security
Would you like to install this device software?
Name: Magic Control Technology Corp. Universal...
Publisher: Magic Control Technology Corp.
Always trust software from "Magic Control Technology Corp.".
Install
Don't Install
You should only install driver software from publishers you trust. How can I decide which device software is safe to install?

5. Allow the program to proceed while this status screen displays...

6. Connect the external display device (monitor/projector) to the DVI connector of the converter and switch it on.
7. When the InstallShield Wizard Complete screen displays, click “Finish” to exit. Plug the converter into an available USB 2.0 port on the computer.

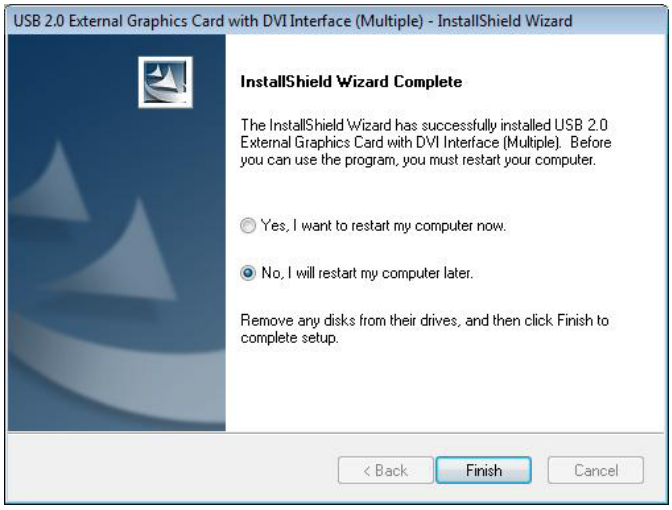

USB 2.0 External Graphics Card with DVI Interface (Multiple) Driver Install
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed USB 2.0 External Graphics Card with DVI Interface (Multiple). Click Finish to exit the wizard.
Please, insert the USB adapter into your PC/notebook USB slot.
< Back
Finish
Cancel

8. If installing a single converter, select “Yes, I want to restart my computer now” and click “Finish” to complete the driver installation.
NOTE: If installing more than one converter, proceed to Step 9. After rebooting the computer, the extended display will be shown on the second display device.


USB 2.0 External Graphics Card with DVI Interface (Multiple) - InstallShield Wizard
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed USB 2.0 External Graphics Card with DVI Interface (Multiple). Before you can use the program, you must restart your computer.
Yes, I want to restart my computer now.
No, I will restart my computer later.
Remove any disks from their drives, and then click Finish to complete setup.
< Back
Finish
Cancel

9. If installing more than one converter, select “No, I will restart my computer later” and click “Finish” to continue with the installation of the second converter. Connect the next display device to the

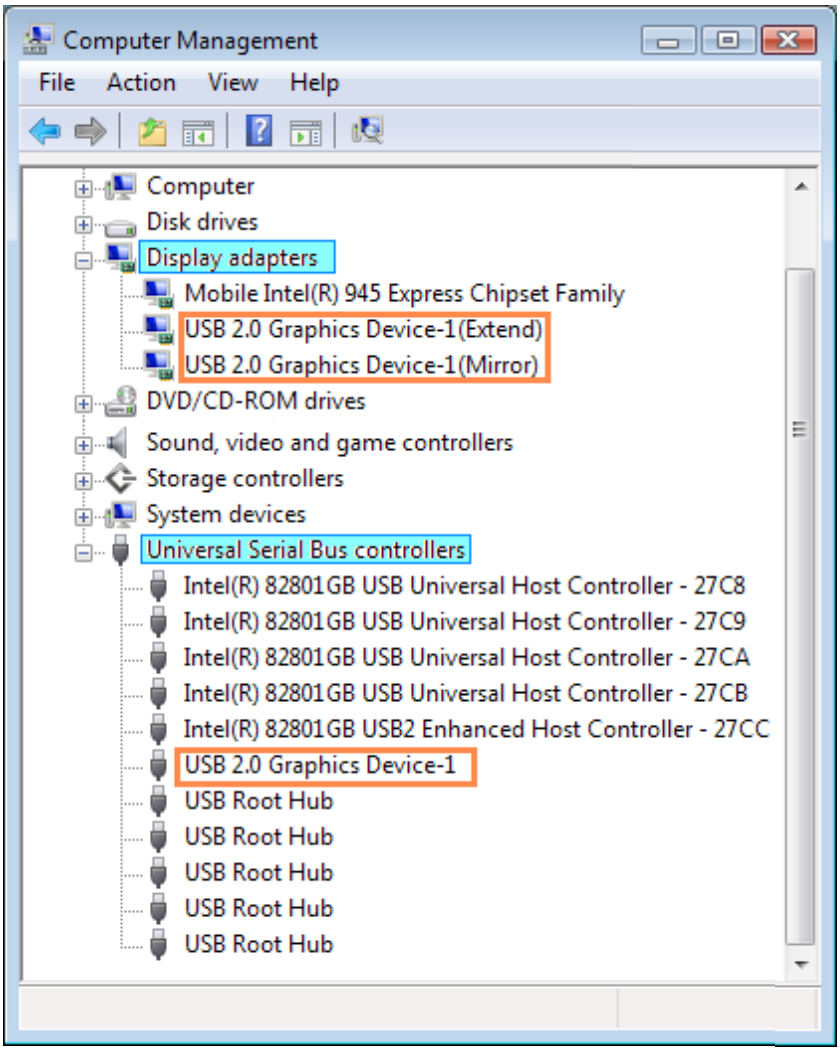
additional converter's DVI connector and switch it on. Plug this additional converter into another USB 2.0 port on the computer; the driver will again proceed to install automatically. Continue connecting up to six display devices and converters as instructed above; or select "Yes, I want to restart my computer now" (as shown in Step 8) and click "Finish." After each reboot, the extended display will be shown on the display device.


USB 2.0 External Graphics Card with DVI Interface (Multiple) - InstallShield Wizard
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed USB 2.0 External Graphics Card with DVI Interface (Multiple). Before you can use the program, you must restart your computer.
Yes, I want to restart my computer now.
No, I will restart my computer later.
Remove any disks from their drives, and then click Finish to complete setup.
< Back
Finish
Cancel

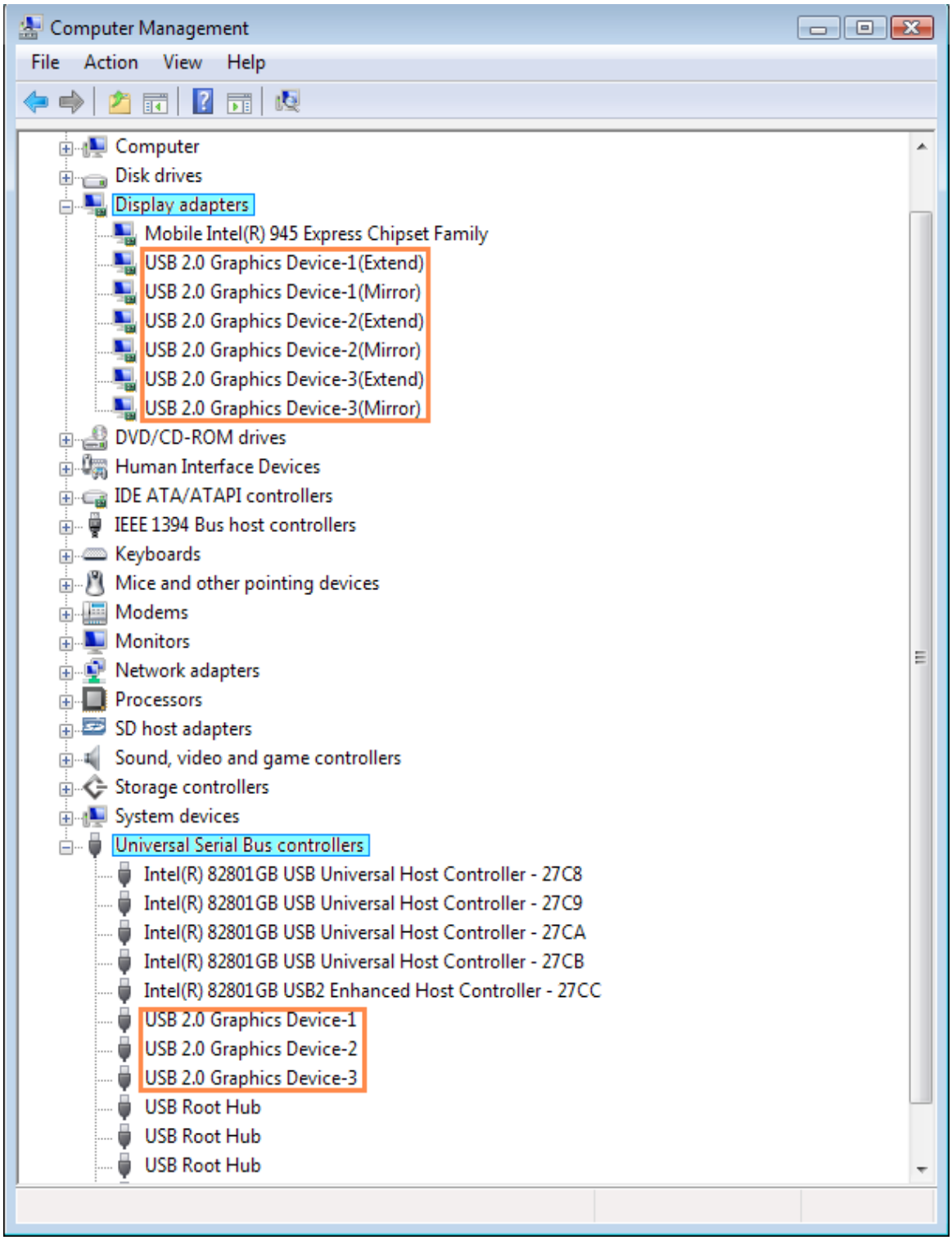
Verifying Driver Installation

Right-click My Computer and go to Properties → Device Manager. Double-click "Display adapters" and "Universal Serial Bus controllers."

- For a single Hi-Speed USB 2.0 DVI Converter installation on the computer, confirm the listings shown at right.


Computer Management
File Action View Help
Computer
Disk drives
Display adapters
Mobile Intel(R) 945 Express Chipset Family
USB 2.0 Graphics Device-1(Extend)
USB 2.0 Graphics Device-1(Mirror)
DVD/CD-ROM drives
Sound, video and game controllers
Storage controllers
System devices
Universal Serial Bus controllers
Intel(R) 82801GB USB Universal Host Controller - 27C8
Intel(R) 82801GB USB Universal Host Controller - 27C9
Intel(R) 82801GB USB Universal Host Controller - 27CA
Intel(R) 82801GB USB Universal Host Controller - 27CB
Intel(R) 82801GB USB2 Enhanced Host Controller - 27CC
USB 2.0 Graphics Device-1
USB Root Hub
USB Root Hub
USB Root Hub
USB Root Hub
USB Root Hub

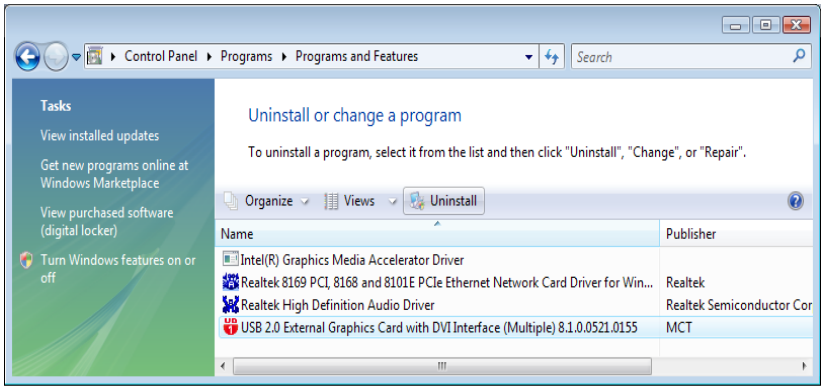
- For multiple Hi-Speed USB 2.0 DVI Converter installations on the computer, confirm the listings shown below.



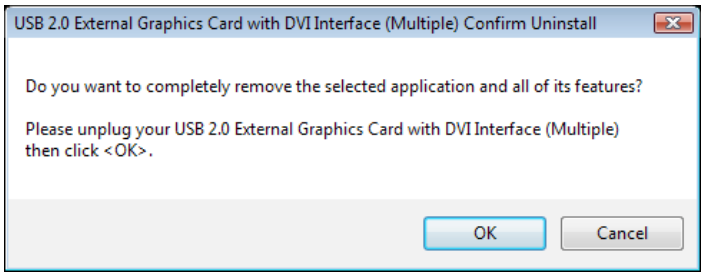
Driver Un-Installation

Make sure the Hi-Speed USB 2.0 DVI Converter is unplugged from the PC or notebook computer before executing the device driver un-installation program.

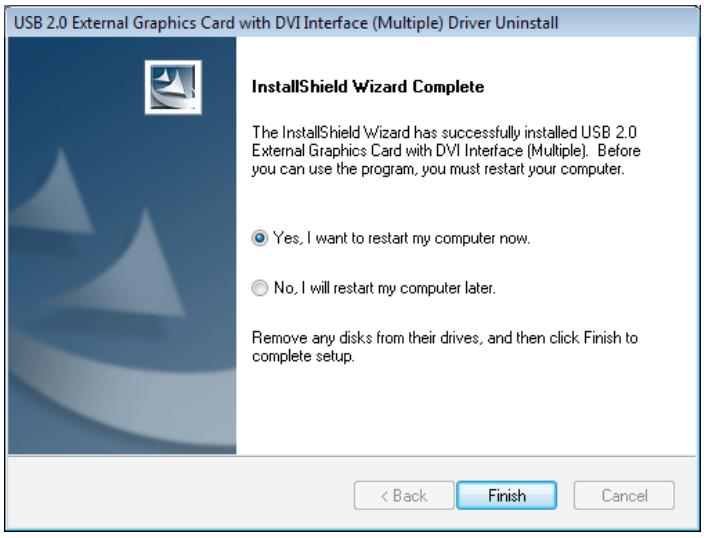
1. Go to Start, then Control Panel (on a classic start menu, Settings then Control Panel) → Add or Remove Programs.
2. Select “USB 2.0 External Graphics Card with DVI Interface (Multiple) [driver version no.]” and click “Remove.”


Control Panel ▸ Programs ▸ Programs and Features
Search
Tasks
View installed updates
Get new programs online at Windows Marketplace
View purchased software (digital locker)
Turn Windows features on or off
Uninstall or change a program
To uninstall a program, select it from the list and then click "Uninstall", "Change", or "Repair".
Organize
Views
Uninstall
Name
Publisher
Intel(R) Graphics Media Accelerator Driver
Realtek 8169 PCI, 8168 and 8101E PCIe Ethernet Network Card Driver for Win...
Realtek
Realtek High Definition Audio Driver
Realtek Semiconductor Cor
USB 2.0 External Graphics Card with DVI Interface (Multiple) 8.1.0.0521.0155
MCT

3. When the Confirm Un-Install prompt displays, unplug the converter and click “OK” to continue.

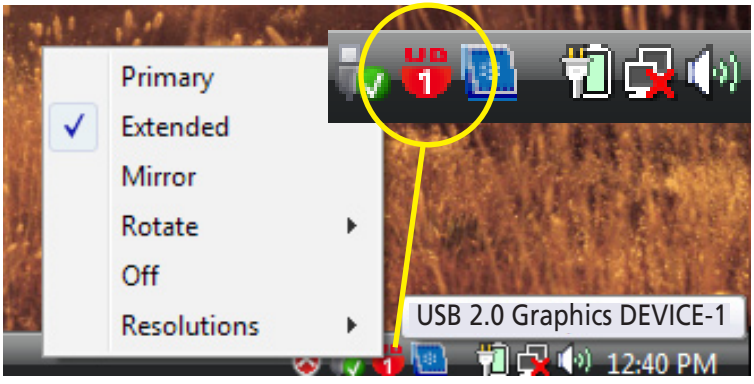

USB 2.0 External Graphics Card with DVI Interface (Multiple) Confirm Uninstall
Do you want to completely remove the selected application and all of its features?
Please unplug your USB 2.0 External Graphics Card with DVI Interface (Multiple) then click <OK>.
OK
Cancel

4. When the InstallShield Wizard Complete screen displays, select “Yes, I want to restart my computer now” and click “Finish” to reboot. After rebooting, you will have completed the driver un-installation.


USB 2.0 External Graphics Card with DVI Interface (Multiple) Driver Uninstall
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed USB 2.0 External Graphics Card with DVI Interface (Multiple). Before you can use the program, you must restart your computer.
Yes, I want to restart my computer now.
No, I will restart my computer later.
Remove any disks from their drives, and then click Finish to complete setup.
< Back
Finish
Cancel

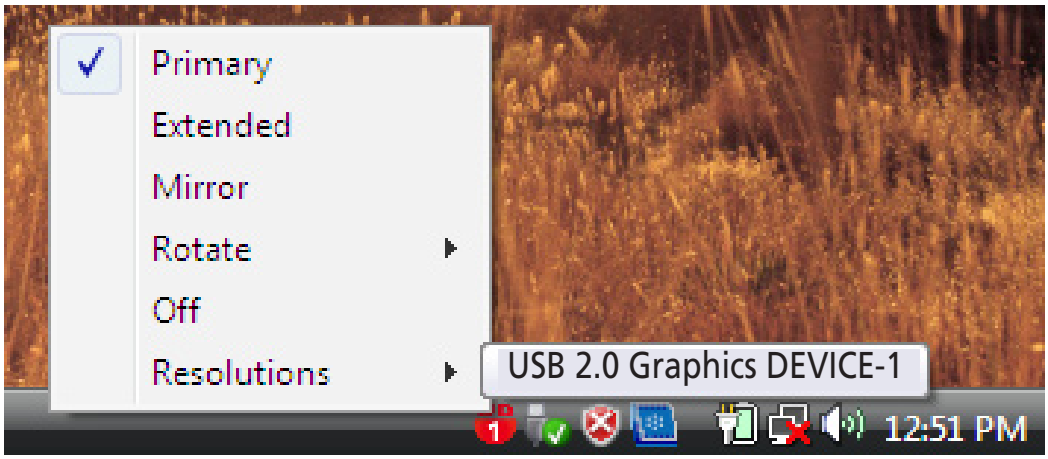
FUNCTIONS

The Hi-Speed USB 2.0 DVI Converter works with LCD or CRT monitors. Click the UD icon to choose one of four display modes — Primary, Extended, Mirror, Rotate — plus Off and Resolutions.



Primary Mode

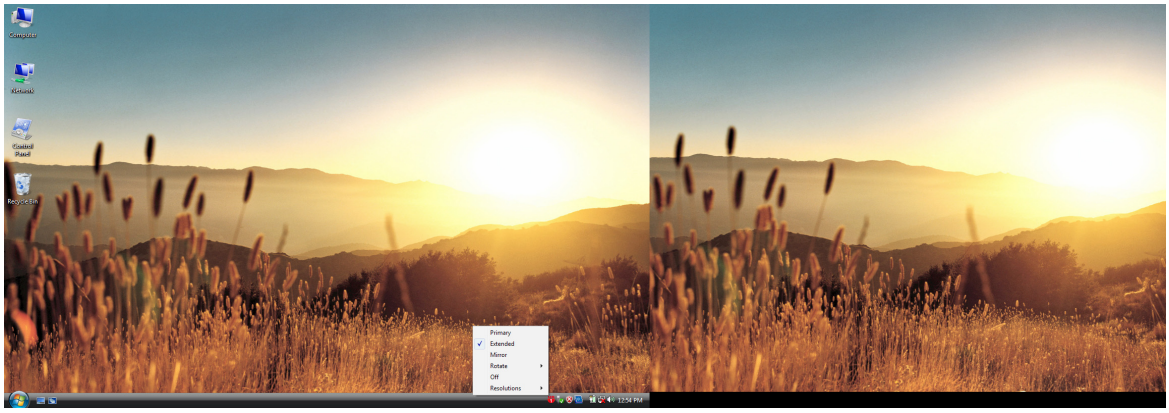
The system's main graphics adapter will automatically switch to act as the secondary graphics adapter, and the main screen will now work as the extended desktop. The monitor that's connected to the Hi-Speed USB 2.0 DVI Converter will now act as the primary Windows desktop.



NOTE: Some display utilities and drivers found with certain AGP and built-in display adapters may prevent this option from working on some systems. You can disable the other utility program (usually in the same toolbar located on the bottom-right corner of the desktop) to make this function work properly.

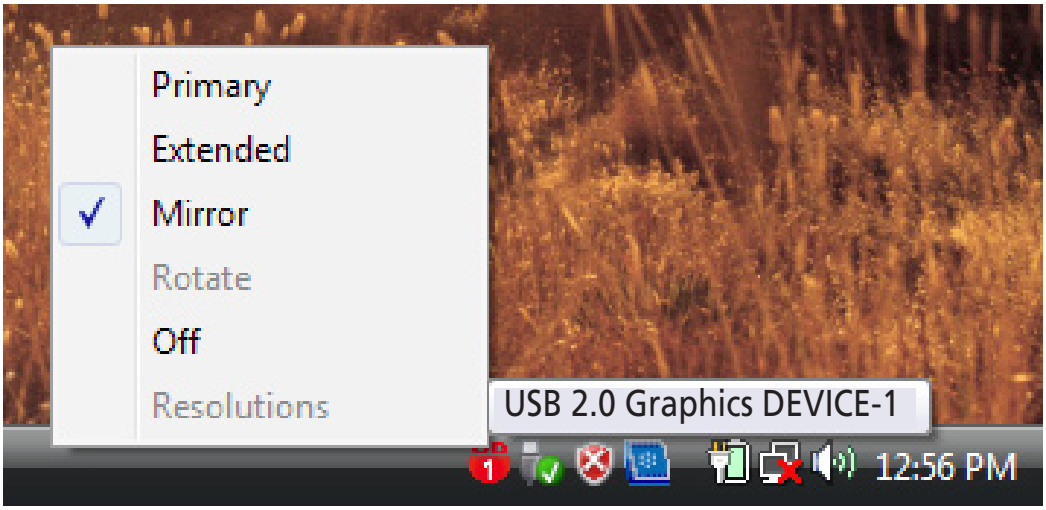
Extended Mode

By default, the monitor connected to the Hi-Speed USB 2.0 DVI Converter will work as the "extended" desktop, which expands the primary Windows desktop of your system. You can change the relative position of this extended desktop in Display Properties/Settings (see Resolutions below).



Mirror Mode

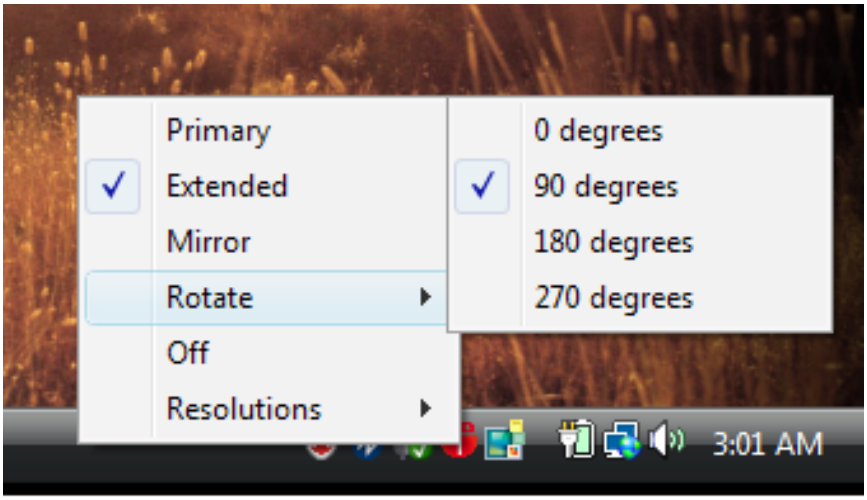
In this mode, the Windows desktop will be replicated, or "mirrored," to



the secondary CRT/LCD monitor. The screen resolution setting on the secondary monitor will follow the primary screen's resolution. If the selected resolution setting is not supported by the primary screen, however, a warning dialog box will be displayed and the suggested screen resolution will be shown.

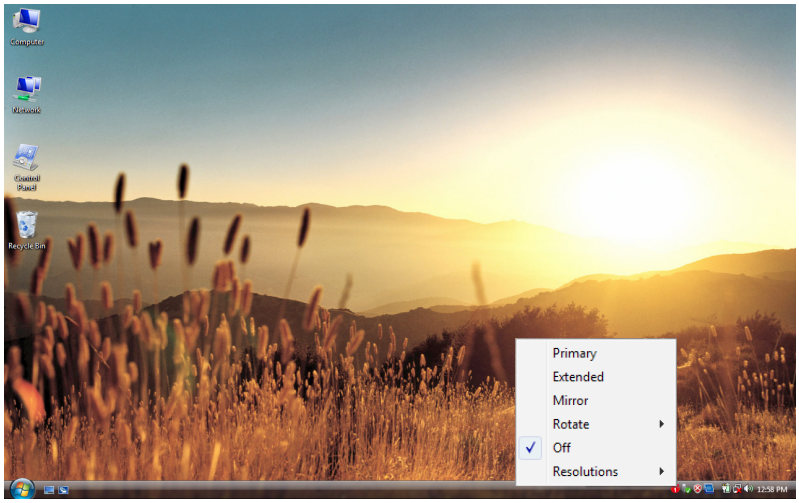
Rotate Mode

This feature lets you set the orientation of the secondary CRT/LCD monitor in Extended or Primary mode: 0, 90, 180 or 270 degrees.



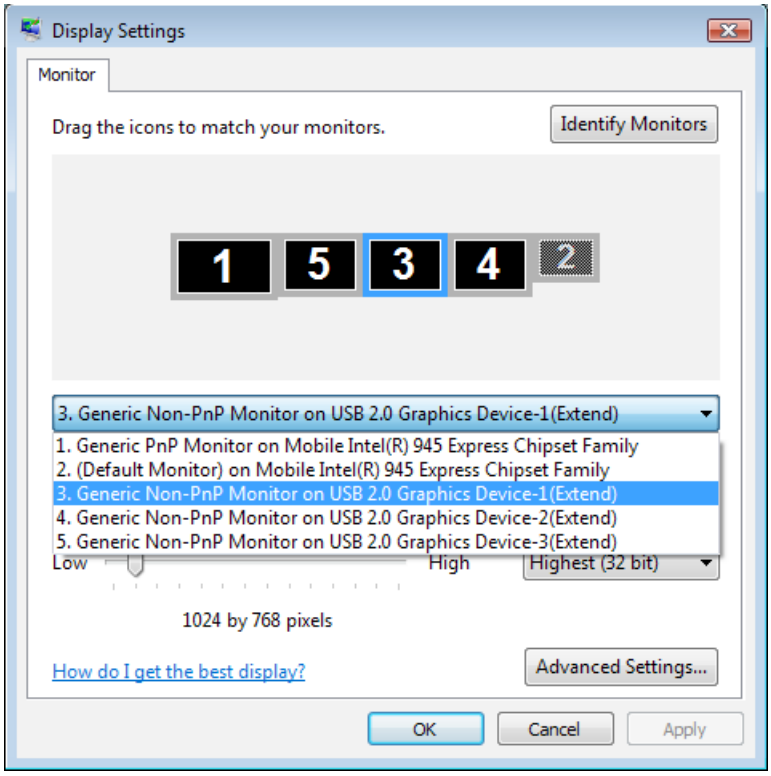
Off

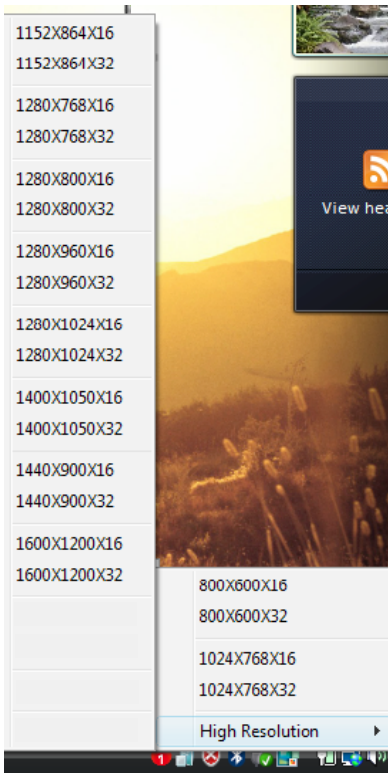
This option simply disables the Hi-Speed USB 2.0 DVI Converter.



Resolution

The resolution support ranges from 800x600x16-bit to 1920x1200x16-bit. It can be selected here (from the system tray) or by going to Display Properties/Settings. Aspect ratios for each resolution setting are shown in the table below.


Display Settings
Monitor
Drag the icons to match your monitors.
Identify Monitors
1
5
3
4
2
3. Generic Non-PnP Monitor on USB 2.0 Graphics Device-1(Extend)
1. Generic PnP Monitor on Mobile Intel(R) 945 Express Chipset Family
2. (Default Monitor) on Mobile Intel(R) 945 Express Chipset Family
3. Generic Non-PnP Monitor on USB 2.0 Graphics Device-1(Extend)
4. Generic Non-PnP Monitor on USB 2.0 Graphics Device-2(Extend)
5. Generic Non-PnP Monitor on USB 2.0 Graphics Device-3(Extend)
Low
High
Highest (32 bit)
1024 by 768 pixels
How do I get the best display?
Advanced Settings...
OK
Cancel
Apply



Aspect Ratio	Resolution	VGA	DVI
16:10	1440 x 900	16, 32	16, 32
16:10	1280 x 800	16, 32	16, 32
15:9	1280 x 768	16, 32	16, 32
5:4	1280 x 1024	16, 32	16, 32
4:3	1600 x 1200	16, 32	16, 32
4:3	1400 x 1050	16, 32	16, 32
4:3	1280 x 960	16, 32	16, 32
4:3	1152 x 864	16, 32	16, 32
4:3	1024 x 768	16, 32	16, 32
4:3	800 x 600	16, 32	16, 32

FAQ

Following are some frequently asked questions — and answers — regarding the installation or operation of the Hi-Speed USB 2.0 SVGA Converter.

Q: ***Why can't I make the Hi-Speed USB 2.0 SVGA Converter the primary display?***

A: Some video card manufacturers include a utility that prevents other video cards from being set as the primary card. Check the bottom-right corner taskbar for the utility, and disable the utility before designating the Hi-Speed USB 2.0 SVGA Converter as the primary display.

Q: ***Why won't my DVD player work when I move it over to the extended display?***

A: Some DVD playback software packages don't support playing on a second display adapter of any kind. You can try opening the program in the secondary display first before playing the DVD.

Q: ***How come my video won't play on Media Player if I move it over to the extended desktop?***

A: Check that you've moved the Media Player window completely over to the second screen.

Q: ***Why doesn't my mouse move past the right side of the screen as it should on an extended desktop?***

A: Check the display settings and make sure that your display No. 2 is on the right side of display No. 1. You can rearrange how Windows treats displays in relation to each other in Display Properties/Settings.

Q: ***Why are there are lines running horizontally up and down my screen?***

A: This is due to a low refresh rate setting. You can change this by going to Display Properties/Settings → Advanced Settings. ***NOTE:*** Make sure you select the USB 2.0 VGA device first and not set the refresh rate higher than what your monitor can support, as this can damage your monitor. You can also try to reset/refresh/resynchronize your monitor.

Q: ***Why doesn't Direct3D work?***

A: This is a current limitation of the Hi-Speed USB 2.0 SVGA Converter. Check for driver updates in the future to add support for this. If your application requires this, use the main display adapter.

OPERATION TIPS

Following are some tips that may help if you are experiencing any difficulties using the Hi-Speed USB 2.0 SVGA Converter. Contact your dealer for additional assistance, if needed.

- Check to make sure that all connectors are plugged in correctly.
- Make sure that the USB port that you are using is USB 2.0.
- Try a different USB 2.0 port and/or computer.
- Check to see that the monitor is connected correctly and the power is on.
- Try connecting the adapter directly to the computer instead of through a hub.
- Unplug all other USB devices from the system.
- Make sure to restart your computer after the driver installation.
- Unplug the adapter and re-insert it.
- Check the Web site to make sure you have the latest drivers.
- Reset/refresh/resynchronize your monitor.
- Selecting Primary mode may disable the main system display on certain Intel graphics solution-based computer systems.
- If you have problems during the boot-up process, start your computer in Safe mode and un-install the driver. Hold the CTRL key until the Windows startup menu appears and select “Safe Mode.”
- To verify the driver version that you installed, go to Control Panel → Add or Remove Programs to check the program: USB 2.0 Graphics Card (Trigger) 8.1.0.0516.0146 (the number is the driver version).

SPECIFICATIONS

Standards and Certifications

- Hi-Speed USB 2.0
- EHCI
- CE
- FCC

General

- Display memory: 16 MB SDRAM
- Bus-powered
- Connections: USB type A male; DVI-I 29-pin female
- Supports Suspend and Wake modes
- Supported resolutions
  - 1600 x 1200; 16/32 bits
  - 1400 x 1050; 16/32 bits
  - 1440 x 900; 16/32 bits
  - 1280 x 1024; 16/32 bits
  - 1280 x 960; 16/32 bits
  - 1280 x 800; 16/32 bits
  - 1280 x 768; 16/32 bits
  - 1152 x 864; 16/32 bits
  - 1024 x 768; 16/32 bits
  - 800 x 600; 16/32 bits

Physical

- Case material: ABS plastic
- Dimensions: 10.75 x 5 x 2.5 cm (4.25 x 2 x 1 in.)
- USB cable: 1 m (39 in.)
- Weight: 113 g (4 oz.)

System Requirements

- Windows 2000/XP/Vista/7
- Available Hi-Speed USB 2.0 port

Package Contents

- Hi-Speed USB 2.0 DVI Adapter
- USB cable
- Quick install guide and driver CD with user manual

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